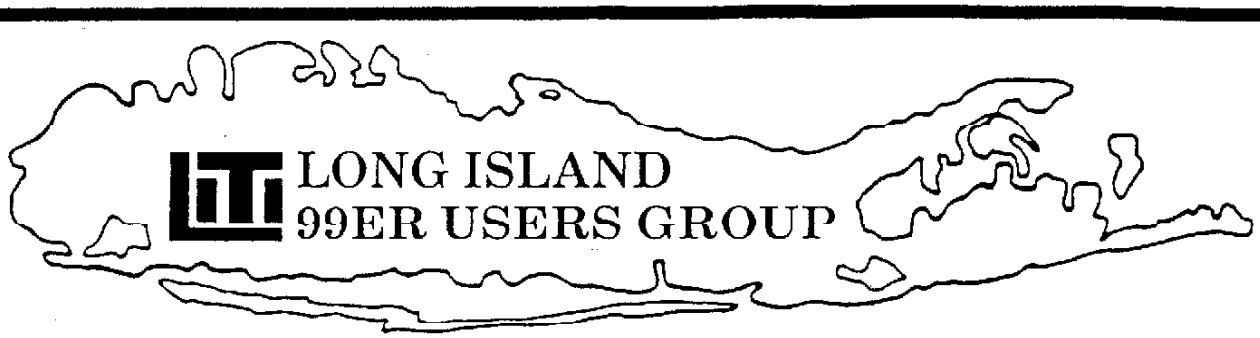

VOL #11 NO.10 OCT, 1992 $2.00

MEETING DATE: OCT. 9, 1992

LONG ISLAND SOUND

EDITOR: FRANCIS J. BUBENIK JR.

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CHRIS TAYLOR. MESA,AZ 85201.

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◦HAPPY HALLØWEEN◦

ESTABLISHED APRIL-1983

92-93 FAIR SCHEDULE

OCT 3,1992 (SAT) ROYAL PLAZA TRADE CENTER-MARLBOROUGH, MA. 500 TABLES. EXIT 24B OF I-495 NORTH MASS PIKE- RTE # 20. 10AM TO 4PM KGP.

OCT 24, 1992 (SAT) ASPEN MANOR PARSIPPANY, NJ- RTE 46 WEST. 400 TABLES. 10AM-4PM.) 80 EXIT#47. KGP.

OCT 25, 1992 (SUN) HOFSTRA UNIVERSITY. HEMPSTEAD, NY. 10AM 3PM. 400 TABLES. MEADOWBROOK PKWY EXIT M4. KGP.

>>>> OCT 30/31, 1992 (FRI/SAT) CHICAGO 10th EDITION TI FAIR. ELK GROVE HOLIDAY INN- ELK GROVE VILLAGE, IL. RESERVATIONS AT HOTEL DIRECTLY (708)437-6010) CODE "IWF". More info later.

>>>> NOV 1, 1992 (SUN) MILWAUKEE TI FAIR- INFO CALL GENE RITZ (414) 535-0133.

NOV 7/8, 1992 (SAT/SUN) RARITAN CENTER EXPO HALL.EDISON ,NJ. 10AM/3PM. NJ TPKE EXIT 10. 1000 TABLES. KGP.

DEC 12, 1992 (SAT) WAYNE, NJ. WILLIAM PATERSON COLLEGE. 400 TABLES. RTE 80 TO RTE 23. 10AM/4PM. KGP.

1993

>>>> FEB 13/14, 1993 (SAT/SUN) FEST WEST 93. SALT LAKE CITY, UTAH. MORE INFO CALL SALT FLATS BBS (801) 394-

>>>> MAY 14/15, 1993 (FRI/SAT) LIMA MULTI USER GROUP CONFERENCE. OHIO STATE UNIVERSITY LIMA CAMPUS. INFO:CALL CHARLES GOOD. (419) 667-3131.

COME TO THE FAIRS

LITI 99ERS NEWSLETTER IS NOT RESPONCIBLE FOR CANCEL- ATIONS. CALL THE NUMBERS BELOW TO VERIFY TIME AND DATES BEFORE YOU GO.

X Ken Gordon Productions (KGP) SHOWS COST $8.00- $1.00 discount cards are sent to those people on there mailing lists. Call (800)631-0062 OR (508)257-2526 for info. (rev 9/13/92).

X Tri State Computer Fairs (TSCF) SHOWS COST $6.00- $1.00 discount cards available by mail. Call Robert Barlow (201) 533-1991 for info. (rev 2/4/92).

SECRETARY & EDITORS NOTEBOOK

BY: FRANK J. BUBENIK, JR.

MINUTES:

Our September meeting was attended by seven members and two guests. The meeting was called to order at 8:30 pm.

Treasurer's Report: Renewal: ARNOLD REITMAN.

We watched Charlie Good review FW editor V5.0 VHS tape from the 1992 Lima Confrence.

Library Report: If you want to obtain any programs from the library give HARRY GUENTER a call at (516) 921-2989 with your request and it will be delivered at the next meeting. Don't forget the copy fee is $3.00 a disk or 4 for $10.00. Listings of programs are in back issues of te newsletter. A disk copy of of the LITI LIBRARY is available for $1.00. Remember the disk sales are our main source of income so buy to keep the group alive.

The meeting adjourned at 9:45 pm. Then we had our social session.

++

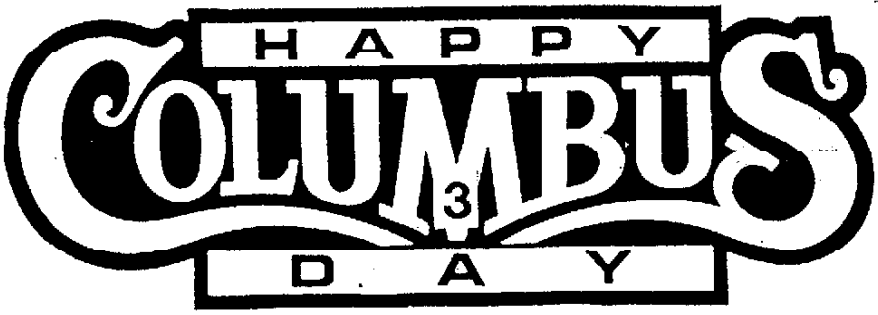
MDOS for the Geneve has been purchased by BERRY MILLER OF 9640 NEWS.

MIKE WRIGHT is seeking support for a TI EMULATOR run on a PC.

DON'T FORGET TO ORDER YOUR COPY OF MICROpendium. The only TI 99/4A NEWSPAPER. $25.00 U.S. 12 issues P.O. BOX 1343 ROUND ROCK, TX 78680.

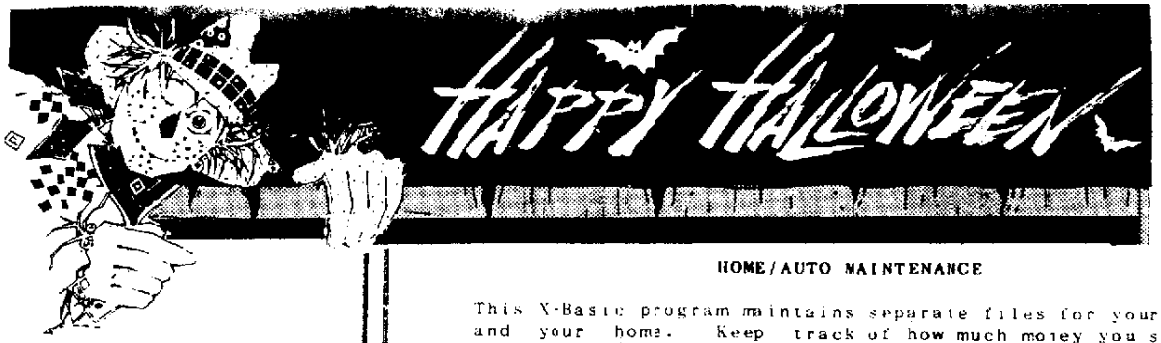
Check out our SPOTLIGHT on new TI99/4A SOFTWARE.

STANCULESCU MARIN of ROMANIA is looking for some help getting TI99/4A software for his console only. His address is: Str. Ciuruleasa, Nr.3 Cod 75445 Sector 4 O.P.7 BUCURESI, ROMANIA. Make a great pen pal.



Spotlight

D&L Software
89 Little Neck Ave.
Swansea, MA 02777
Tel: 508-675-0768



BLUFFOON

This game is very similar to the conventional hangman. It is written in Extended Basic with some Assembly Language routines and displays superb graphics (there is a clown on screen holding 8 balloons). One player types in a word and the other player(s) try guessing that word. Each incorrect guess causes the clown to lose one of his balloons and the player is awarded 10 points. If he stumps his opponents he is awarded an additional 50 point bonus. The computer keeps track of whose turn is next and how many points each player has accumulated. 32K memory required.

$8.95

HOUSEHOLD BUDGET

This is an Ex-Basic program with Assembly Language subroutines that keeps track of your monetary expenses each month. The program allows you to define each category (up to 21) and how much you want to budget for that category. For example, Electric $50.00; Telephone $15.00; Market $400.00; Sears $20.00 etc.. The computer then saves this data on file and each month you enter the actual amounts for each category and this data is also saved on file for future reference. The computer then shows the budgeted allowance vs. the actual expense and subtacts the expenses from your income and shows you any cash balance. An excellent looking printout gives you a hard copy and also shows year to date totals for each category. Good for comparing month to month and year to year. 32K memory required.

$10.95

CAR CARE

This program written in console basic can diagnose your car problems. You tell the computer what your car is doing and the program will tell you the possible causes. Great for the guy who can fix his own car but needs a little help diagnosing the problem. Also good for those who would like to know what's wrong with their car before taking it into the shop.

$6.95

AMORTIZATION

This X-Basic program will tell you what your monthly payments will be on a loan or mortgage and give a printout of each month's principle, interest and balance for the life of the loan. The program will also calculate how much you will earn if you want to invest money.

$7.95

HOME/AUTO MAINTENANCE

This X-Basic program maintains separate files for your cars, and your home. Keep track of how much money you spend on maintenance. Files are kept by year and printouts will show what you did and how much you spent.

$5.95

RETURN LABELS

This X-Basic program will take the first letter of your last name and print a fancy graphic of it next to your return address (such as the return address on this package). The program also contains a graphic editor which allows you to create your own graphics.

$5.95

BONDS

An X-Basic program that stores EE U.S. Savings Bonds. The program saves the Date Purchased, Serial Number and the Purchase Price. When displayed on screen or printed out the computer will calculate the interest earned and show the total value that each bond is currently worth.

$10.95

GROCERY LIST

Prepare your shopping list with your computer. This X-Basic program stores all the items you normally purchase with its price and the aisle it is located in on file. When you run the program, the computer displays all the items and you tell it which items you want to buy and how many of each. The computer then gives you a printout of your selections with the cost of each, the aisle it is in and the total cost of your shopping bill.

$5.95

CATALOG/3 COLUMN

An X-Basic program that catalogs your disk and gives you a printout in condensed print and in three columns. You can then cut the printout and tape it to your disk sleeve. Great for disks with a lot of programs on them.

$3.95

TELEPHONE DIRECTORY

An X-Basic program that stores on file and prints out the names and telephone numbers of people you call but don't commit to memory. You can add and delete names from the list and sort the list into alphabetical order. The computer takes the list and prints it in two columns, keeping each column in alphabetical order.

$3.95

CASINO GAMES

This X-Basic program contains Assembly Language subroutines for extremely quick graphic displays. The program features two Atlantic City games: Video Poker and Blackjack, and is as close to the real thing as you can get. If you frequent the Casinos, this game will give you all the practice you need to become proficient at your game. And even if you don't play cards, this game promises to keep you entertained till the wee hours of the morning. 32K memory required.

$12.95

CALENDAR

This X-Basic program prints out a personalized calendar. You supply the computer with all your special events (such as birthdays, anniversarys, etc), and the computer stores this data on disk. When you print out the calendar, the computer searches the disk for all the data pertaining to the particular month it is printing and inserts the data into the appropiate date. At the bottom of each page, the computer then prints a tiny calendar of the preceding month on the left and following month on the right for reference. You also have the choice of printing the whole year on one page.

$10.95

HEX TABLE

This X-Basic program will convert a decimal number to hexadecimal or a hexadecimal number back to decimal. The number's binary representation is also displayed on screen. The program can print out the entire range of conversions from 1 to 32767 in condensed format, giving you a hard copy of 36 pages, 80 rows by 11 columns (924 conversions per page) and each column remaining in numerical order for easy location of any number.

$3.95

NOTE: All programs come on a SSSD disk and an Epson compatible printer is nescessary for all printouts.

Add $1.00 Shipping & Handling for each program.

MESSAGE 446 SAT NOV 09, 1991
GENIAL.AL AT 12:48 EST

AT LEAST THE TANDY CLONE HAS A DECENT SOUND CHIP (THE SAME ONE USED IN THE TI-99/4A) THAT ALLOWS MULTI-VOICE HARMONY RATHER THAN THE SOUND CHIP USED IN THE REGULAR IBM AND IN MOST PC CLONES! NOT ONLY IS THE REGULAR PC SOUND CHIP FAR INFERIOR TO THE TI-99/4A SOUND CHIP (IT ALLOWS JUST ONE VOICE, NO NOISES, AND NO VOLUME CONTROL <SIGH>), BUT - WHETHER WE'RE TALKING CGA, EGA, OR VGA - THE PC VIDEO CHIP CANNOT DO SPRITES, MUCH LESS SPRITES WITH AUTOMOTION SUCH AS WE HAVE ON THE TI-99/4A. (IT'S A SIMPLE THING IN TI EXTENDED BASIC TO DRAW A SPRITE AND HAVE IT MOVE ACROSS A SCREEN, LEAVING THE "BACKGROUND" UNCHANGED, BUT THAT IS NOT SOMETHING A NORMAL PERSON CAN DO ON A PC: AGAIN, THE PC VIDEO CHIP DOES NOT SUPPORT SPRITES AS WE KNOW THEM.)

Spotlight

ttc the taylor company
hardware · software

1233 N. Mesa Drive, #2118 . Mesa, AZ 85201 . (602) 464-0354

Dear Computer Enthusiast,

On 15 February 1992, in Phoenix, Arizona a new era in computing will begin. On that day ttc will introduce the **"aTI"**, **"xTI"**, and **"mTI"** which represent an advanced, expanded and multimedia respectively version of the Texas Instruments 99/4A home computer which was discontinued in October 1983. The 99/4A was chosen because many of its powerful capabilities lay dormant until this event. More importantly, the 99/4A is a concept computer, **tt** is developing this concept hereforth to be known as **"Concept 99."** Like any new business I must have customers to survive but the dwindling base of 99/4A users may prevent **Concept 99** from developing fully. ***I need your support.***

The majority of Concept 99 software is under the trademark **"t_ware"** and is easily recogniable. I have developed core modules (usable but in no way user friendly) for the following t_ware:

t_draw (a drawing program) **t_chess** (a chess program)
t_font (a bit map font program) **t_sked** (a scheduler program)
t_base (a dbase manager) **t_write** (a word processor)
t_learn (languge tutor programs: *Mid-East, European, Slavic, Asian*)

I can use these programs but to make them marketable, they must be completed, tested and most importantly have manuals written. To accomplish the above tasks I must know where to concentrate my resources. Please let me know for which program you would be willing to make a deposit in order to support continued development. Use the address above to correspond.

Also, if you are aware of any group willing to pay for custom software (especially, educational), I'm available to discuss terms.

Thank You

Chris Taylor
owner, **ttc**

News Release

Page Pro Page Composer Released

Asgard Software is pleased to announce *Page Pro Page Composer*, a new graphics utility for owners of *Page Pro 99*.

Page Composer is designed to allow you to prepare and print multi-page documents with *Page Pro 99*. With *Page Composer*, for the first time it's easy to generate newsletters and reports. *Page Composer* also allows you to create pages that you can create with no other utility for the TI-99/4A or the Gereve, and does things that no other program can do, including:

- Create documents containing up to 999 pages
- Pages can be oriented either landscape (sideways) or portrait (normal)
- Pages can be a variety of different printer resolutions - the 60 dots/inch mode of *Page Pro 99*, 80 dots/inch and 120 dots/inch - allowing you to create 60, 80 and 120 column pages
- You can place up to 30 pictures of any size on each page, and because of the increased printer resolution, you can use even the largest Macintosh and PC pictures
- Pictures can be "opaque" or "transparent" - you can merge pictures together
- When printing your document, you can print any range of pages and up to 999 copies

Using the powerful features of this program, you can easily create half-page "booklet-style" newsletters on lardscape pages - ready to be copied. In fact, you can easily put two full-size *Page Pro 99* pages on a single *Page Composer* page! The possibilities are endless.

Not only is *Page Composer* powerful, it's also easy-to-use. It features a unique "graphical user interface" where you select program functions by selecting a picture that represents the function, move your screen window around a page by selecting arrows and "scroll bars", enter information by selecting "buttons" in pop-up windows, and so on. In fact the program is designed so that the only time you have to touch the keyboard is when you enter a disk or filename, or a page number!

Page Composer recuires a disk system, 32K and at least one DS/SD disk drive. Two disk drives are highly recommend. An Epson or compatible printer is also required. The program is compatible with the HEDC, the Horizon RAM-disks, the Myarc Geneve 9640, and the TIM, Dijit and Mechatronics 80-column cards. It works with a joystick, an *Asgard Mouse* or a *Myarc Mouse*.

Suggested retail price $14.95. Send all orders (plus $3.00 for S&H) or inquiries to:

Asgard Software • P.O. Box 10306 • Rockville, MD 20859-0306

News Release

Asgard Mouse Upgraded, Price Reduced

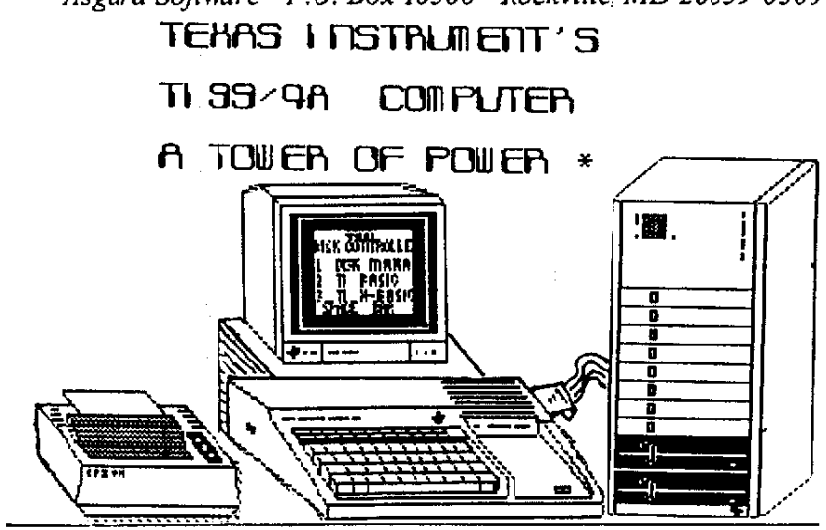
A mouse is perhaps the most important new device you can buy for your TI-99/4A or Myarc Geneve 9640 computer. The *Asgard Mouse* is a high-quality mouse for the 99/4A and Geneve that is compatible with virtually all system configurations. Easy to use, simply plug it into your RS232 and load a compatible program. The recently released version 2.0 of the *Asgard Mouse* is even easier to use with improved software and more reliable hardware. Because of design changes, we have also been able to reduce the price to just $39.95!
The *Asgard Mouse* is the most popular mouse for the 99/4A - with more sold and more compatible software titles then any other serial mouse. Asgard Software alone sells 8 programs that work with the mouse, with many more under development. The *Asgard Mouse* includes support for *TI-Artist*, as well as two example programs and a detailed manual.

FOR A LIMITED TIME ONLY, ORDER AN *ASGARD MOUSE* AND RECEIVE FREE A COPY OF OUR HIGHLY-RATED MOUSE-COMPATIBLE *CLASSIC CHECKERS* (a $14.95 value) WITH YOUR MOUSE.

You won't be disappointed! The *Asgard Mouse* requires a disk system, 32K and an RS232 card.

Send all orders (plus $3.00 for S&H) or inquiries to:

Asgard Software • P.O. Box 10306 • Rockville, MD 20859-0305



News Release

Asgard 128K Memory System Released

Asgard is pleased to announce the completion and imminent availability of the *Asgard 128K Memory System*.

The *AMS* is a product of a two-year research and development program focused on increasing TI-99/4A memory capacity. Designed by a team of hardware and software experts guided by experienced businessmen, and with the assistance and insights of a wide range of users, this device represents the beginning of a new direction, as well as a blending of new and proven technology.

The *AMS* combines flexibility with reliability and compatibility. It is the first advanced memory system for the 99/4A designed to be used exclusively as memory for programs and data.

When installed in your Peripheral Expansion Box it functions as a 32K card with standard TI-99/4A software. It is completely transparent to virtually every other TI-99/4A peripheral - it will not conflict with any floppy or hard disk controllers, or even some RAM-disks. The card does not need to be configured - simply plug it in and turn on the computer. Because it uses little power the *AMS* is highly reliable.

Programs designed to work with the card can access up to 128K of CPU memory simply and with a minimum of restrictions on program design. Memory can be banked in 4K increments, within a few clock cycles, anywhere within the standard 32K memory space available to TI-99/4A programs. The design used by *AMS* is similar to that used by TI in their TI-99/8 computer - and is currently readily accessible to programs written in Assembly and GPL.

To assists in programming for the *AMS* example programs with source code as well as extensive technical documentation is included with the device. All materials were prepared by software designers to be as clear and comprehensive as possible to programmers - and not just other hardware designers. The result is what we believe to be the easiest to program extended memory device for the TI-99/4A.

For non-programmers, *AMS* will open the door to a variety of new programs currently under development by some of the brightest programmers in the TI community today. With four times as much space available, *AMS* compatible programs will be more capable, faster, and have much more capacity for storing data. Types of programs can be written that would be impossible in 32K. Compatible languages under development will allow even casual programmers to write programs with access to the memory.

AMS is not just a promise of new possibilities, it also represents a different way of doing things as well as a different approach to past problems.

While it may seem unusual that a software company would take the initiative in producing a new memory card, it's not so strange when you consider that you need software to make hardware useful, and a software company can insure that some of that software is written

Further, to break with the long history of some developers (including TI) of playing favorites and of secrecy, Asgard guarantees we will freely provide any and all software developers as much information as they need to take advantage of the *AMS*. It's time to end the games that have hurt the community in the past, and to bury the hatchet somewhere other than in each others backs.

Finally, since no one likes buying something that becomes obsolete tomorrow - all users can be assured an investment in *AMS* will be protected by a company that has been serving the TI community for 10 years. Asgard will provide reasonably priced upgrades and even trade-in options as we continue to develop this technology. Further, we will work to insure that any software written for *AMS* will be fully compatible with future developments with few if any changes.

The *AMS* is not an end in itself, it is a beginning on a path to liberating the TI-99/4A from memory constraints. It also represents a new way to do business in the TI community.

The *Asgard 128K Memory System* requires a TI-99/4A with a Peripheral Expansion Box and a disk system. It is compatible with all disk controllers, all video cards, and some RAM-disks and memory cards, as well as virtually all other cards for the TI-99/4A. It is not guaranteed to function with the Myarc or Corcomp RAM-disks, or the TI, Corcomp or Myarc 32K cards. No problems have been encountered with Horizon RAM-disks to date.

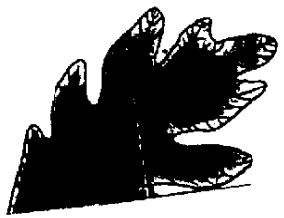
The suggested retail price of the *AMS* is $119.95. At this time all design and testing of the design has been completed, and it is expected to be in stock by the end of September.

To order, send a check or money order for $119.95, plus $10.00 Shipping & Handling (in North America, $20.00 elsewhere for Airmail), to:

Asgard Software • P.O. Box 10306 • Rockville, MD 20859-0306

COD and Credit Card orders are not accepted. All order to U.S. customers will be shipped via UPS Ground - please allow 4-6 weeks for delivery.

Programmers may receive a free packet containing programming information by sending a post card to the above address. Again, please allow 4-6 weeks for delivery.



News Release

Invoice Management Released

Invoice Management is the latest addition to the *Asgard Business Software Series* of business management tools designed specifically for small businesses. All of the programs in this collection were designed by and for small business owners, and have had years of testing in real businesses by real people.

Invoice Management uses a "what-you-see-is-what-you-get" approach to entering your invoices. A flexible program, *Invoice Management* allows you to enter a wide variety of information for each invoice including mailing and payment information, as well as information for retrieving the invoice later. Once entered, invoices can be stored and recalled singly or in groups. *Invoice Management* does all of the calculations for you, including sales tax. The program even has a built-in four function calculator available when you need it!

Invoices can be printed individually or in batches on pre-printed TOPS invoice forms, as *Page Pro 99* files, or as TI-Writer Formatter files. The program will even print an envelope for your invoice if you want. Finally, for your own records, you can print a detailed tracking report.

Invoice Management allows you to use names and addresses stored in databases created with *Mail Room* (another *Asgard Business Software Series* product), as well as product codes and descriptions from the soon-to-be-released *Inventory Management* package. The program also functions equally well on its own.

Inventory Management requires a TI-99/4A or a Myarc Geneve, a disk system, expanded memory and Extended BASIC. Both 40- and 80-column versions are included. The latter is compatible with both the Geneve and 80-column equipped TI-99/4A's. A printer is recommended. By Larry Tippett.

The suggested retail price of *Inventory Management* is $14.95.

To order send a check or money order, plus $3.00 for Shipping & Handling to:

Asgard Software • P.O. Box 10306 • Rockville, MD 20859-0306

Please allow 2-4 weeks for delivery.

News Release

Gofer and *Clipix* Updated!

Asgard is pleased to announce new release of new revisions of *Clipix* and *Gofer*.

Clipix, by Dan Gazsy, is a utility included with *Pix Pro*, *Gofer* and *Page Pro Composer* that allo you to load *Page Pro 99* pictures of any size and "clip" any portion and save it as another pictu This is a useful tool if you want to cut down a picture to fit within a certain page size. It is particular useful for manipulating MacPaint pictures converted with *Pix Pro* and PCX pictures converted with *Gofer*. Completely "what-you-see-is-what-you-get", *Gofer* is easy to use and ve fast.

The latest revision of *Clipix* corrects compatibility problems with the Myarc HFDC. The new version functiors properly with this device. HFDC users with prior versions of *Clipix* may receive the updated version of *Clipix* free by returning their program disk. *Gofer* is included as extra bonus to purchasers of *Pix Pro*, *Gofer* and *Page Composer*, but may be purchased by itself $7.95

Gofer, also by Dan Gazsy, is a program that features a vastly improved version of the the *Columnizer* included with *Page Pro 99*, utilities to modify "page format" files, perform batch conversions of *TI-Artist* instances to *Page Pro 99* format and vice versa, and a well-designed ba converter for converting IBM PC PCX-format picture files into *Page Pro 99* format (allowing yc to use the tens-of-thousands of PCX format files available).

The latest revision of *Gofer* also corrects compatibility problems with the Myarc HFDC. The ne version functiors properly with this device. HFDC users with prior versions of *Gofer* may receive the updated version of *Gofer* free by returning their program disk. *Gofer* has a suggest retail price of $14.95.

Tris 2 Released

Asgard Software is pleased to announce the release of *Tris 2* - by Jim Reiss.

The newest version of this very popular version of *Tetris*™ for the TI-99/4A and Myarc Gene features improved graphics and "mutant" blocks. The latter consists of irregularly shaped bloc which change their pattern as they rotate and fall, and add a new level of complexity and challenge an already challenging game!

Tris 2 is available in cartridge for the TI-99/4A for $19.95, and on disk for the Geneve-9640 for $9.95. Owners of the previous version of the cartridge can obtain an "update" for $8.00 (or $5.0 with the return of their old cartridge). Disk users can receive the update for $4.00.

To order a product send a check or money order plus $3.00 for S&H to:

Asgard Software • P.O. Box 10306 • Rockville, MD 20859-0306

JOYPAINT

TEXT — USES ARROW KEYS

PENCIL — FINE LINES

PAINT BRUSH — USED W/ TEXTURE PATTERNS: 1) SELECT PATTERN 2) SELECT ICON

AIRBRUSH — USED SAME AS PAINT BRUSH

LINE

CIRCLE

BOX

FILL

ERASE

SCREEN DIRECTIONS

LOADING INFO:
XB — AUTOLOADS EX1 SCREEN (OPT 5): "DSK_UTIL1"

ELECT NEW TEXTURES

FILE

LOAD — LOADS SAVED DRAWINGS

SAVE — ALL PORTIONS ON DRAWING AREA ARE SAVED IN 44 SECTORS

PRINT — DRAWING AREA (CONFIGURE FIRST ON DATA DISK)

DIRECTORY — (CATALOG) TOGGLES THE ZOOM SCREEN W/ FIRE BUTTON

PURGE — FILES

NEW — USE AFTER YOU'VE SAVED TO START FRESH

QUIT — ENTICE PROGRAM

EXTRAS

PIXELS — ZOOM FEATURE

VIEW — ELIMINATES THE ICONS MENU TO VIEW TOTAL PICTURE

FLIP VERT — ACCESSES ↑/↓ ARROWS

FLIP HORIZ — ACCESSES ←/→ ARROWS

ROTATE — 90° PER FIRE BUTTON PRESS

INVERT — POSITIVE TO NEGATIVE IMAGE

CLEAR — LARGE PORTIONS OF SCREEN

*CUT — TAKE & STORE A PORTION OF SCREEN

*PASTE — REPLACE A CUT PORTION

COPY — COPY SECTIONS IN MULTIPLE PLACES

MOVE

UNDO

"TAKE BACK" THE LAST PORTION OF WORK YOU PERFORMED

SHOW PAGE — SHOWS TOTAL IMAGE SCALED DOWN

BRUSHES — SELECT PATTERNS FOR BRUSH STROKES

MAGNIFY — 2X SIZE OF IMAGE

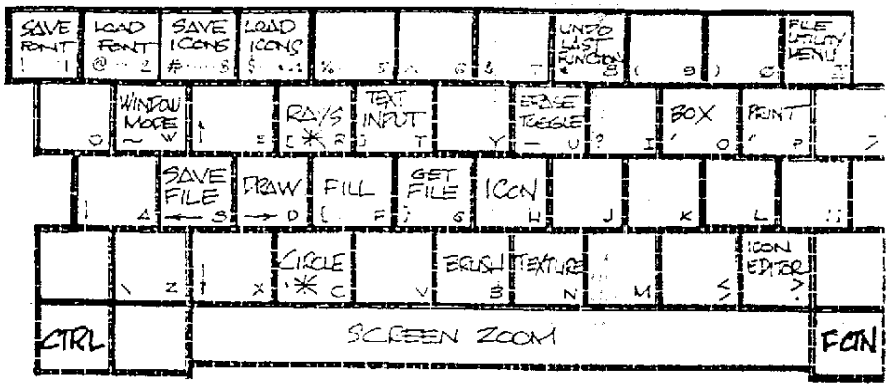
COLOR — SELECT VARIOUS COLOR COMBOS

*USABLE WITH OTHER FILES

JOYPAINT PAL: WEA "DSK1.TI-BASIC" OLD DSK1.GO"<R>" RUN

- **LOAD/SAVE ANY** — SAVES/LOAD ONLY SCREEN, NO PATTERNS
- **CONFIGURE** — PRINTER INFO
- **EDIT PATTERN** — SAME AS FAT PIXELS, ONLY FOR PATTERNS
- **REDUCE** — BY 1/2

PICASSO



WINDOW MODE

- A — BLOCK FILL
- I — INVERT
- R — REVERSE/NEGATIVE
- M — MIRROR (LEFT TO RIGHT ONLY)
- Z — MOVE
  - "C" — COPY AS IS, ERASES EVERYTHING UNDERNEATH WHERE IT GOES
  - "T" — TRANSPARENT COPY

FILE UTILITIES MENU

1. LOAD TEXT FILE
2. LOAD GRAPHIC FILE
3. OVERLAY GRAPHIC FILE
4. SAVE CURRENT SCREEN
5. CATALOG DISK
6. EXIT THIS MENU
7. QUIT PICASSO

* PRESS FIRE BUTTON AT CENTER, THEN AGAIN AT RAY END/ CIRCUMFERENCE OUTLINE

"D" ACCESS MOST MODES

WORK AREA SCROLLED BY MOVING CURSOR TO EDGE OF SCREEN

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Working Couples Confront the Golden-Years Gap

He **wants to relax.**

She **wants to work.**

His **career is over.**

Her **career is thriving.**

He's **got enough money.**

She **doesn't.**

He's **retired**

She's **not**